

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/010911

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/050305 A (SEEGENE INC ;CHUN JONG-YOON (KR)) 19 June 2003 (2003-06-19)	
A	US 6 238 884 B1 (FREY GERHARD JOHANN ET AL) 29 May 2001 (2001-05-29)	
A	"RECOMBINANT DNA" METHODS IN ENZYMOLOGY, ACADEMIC PRESS INC, SAN DIEGO, CA, US, vol. 155, 1987, pages 555-569, XP002929872 ISSN: 0076-6879	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

10 February 2005

Date of mailing of the international search report

21/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hillenbrand, G

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010911

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03050305	A	19-06-2003	WO 03050304 A1	19-06-2003
			WO 03093509 A1	13-11-2003
			AU 2002222737 A1	23-06-2003
			AU 2002329104 A1	23-06-2003
			AU 2002348612 A1	23-06-2003
			BR 0214741 A	23-11-2004
			CA 2468754 A1	19-06-2003
			CA 2469383 A1	19-06-2003
			EP 1448793 A1	25-08-2004
			EP 1448795 A1	25-08-2004
			WO 03050305 A1	19-06-2003
			WO 03050306 A1	19-06-2003
			US 2003152925 A1	14-08-2003
			US 2003175749 A1	18-09-2003
US 6238884	B1	29-05-2001	US 6171820 B1	09-01-2001
			US 6335179 B1	01-01-2002
			US 5830696 A	03-11-1998
			AU 3879300 A	28-09-2000
			CA 2361927 A1	14-09-2000
			EP 1161529 A2	12-12-2001
			JP 2002537836 A	12-11-2002
			WO 0053744 A2	14-09-2000
			US 2004152077 A1	05-08-2004
			US 2002142394 A1	03-10-2002
			US 2003194763 A1	16-10-2003
			US 2003036116 A1	20-02-2003
			US 2003219752 A1	27-11-2003
			US 2003207287 A1	06-11-2003
			US 6352842 B1	05-03-2002
			US 2004029174 A1	12-02-2004
			US 6713279 B1	30-03-2004
			US 6358709 B1	19-03-2002
			US 6361974 B1	26-03-2002
			US 2004248143 A1	09-12-2004
			US 2002119457 A1	29-08-2002
			US 2002146762 A1	10-10-2002
			AU 3483900 A	25-08-2000
			CA 2325351 A1	10-08-2000
			EP 1073710 A2	07-02-2001
			JP 2003524392 T	19-08-2003
			WO 0046344 A2	10-08-2000
			US 2003175887 A1	18-09-2003
			US 2004023327 A1	05-02-2004
			US 6479258 B1	12-11-2002
			US 2003073165 A1	17-04-2003
			AT 260987 T	15-03-2004
			AU 720334 B2	25-05-2000
			AU 1148997 A	27-06-1997
			CA 2239686 A1	12-06-1997
			DE 69631787 D1	08-04-2004
			EP 1130090 A2	05-09-2001
			EP 0866853 A1	30-09-1998
			JP 2000501606 T	15-02-2000
			JP 2001078786 A	27-03-2001
			WO 9720918 A1	12-06-1997